Docket No.: 05986/100K520-US1

(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Rodolfo R. Llinas et al.

Application No.: 10/627,355

Confirmation No.: 2328

Filed: July 24, 2003

Art Unit: N/A

For: NEURO-MIMETIC CONTROL SYSTEMS

AND METHODS

Examiner: Not Yet Assigned

AMENDMENT IN RESPONSE TO NON-FINAL OFFICE ACTION

MS Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

INTRODUCTORY COMMENTS

In response to the Office Action dated December 15, 2006, please amend the above-identified U.S. patent application as follows:

Amendments to the Specification begin on page 2 of this paper.

Amendments to the Claims are reflected in the listing of claims which begins on page 4 of this paper.

Remarks/Arguments begin on page 11 of this paper.